

UNIT 1 • RELATIONSHIPS BETWEEN QUANTITIES AND EXPRESSIONS

Lesson 3: Interpreting Formulas and Expressions

Practice 1.3.2: Adding and Subtracting Polynomials

B

Find each sum or difference.

1. $(x + 18) + (-x + 4)$

2. $(-7x^3 + 3) - (x^2 + 9)$

3. $(x^2 - 2) + (-x^3 + 2x - 12)$

4. $(x^6 + x^3) - (-3x^6 + x^2)$

5. $(6x^2 - 6) - (x^3 - x)$

6. $(8x^3 + x^2 - 3) + (x^2 - 4)$

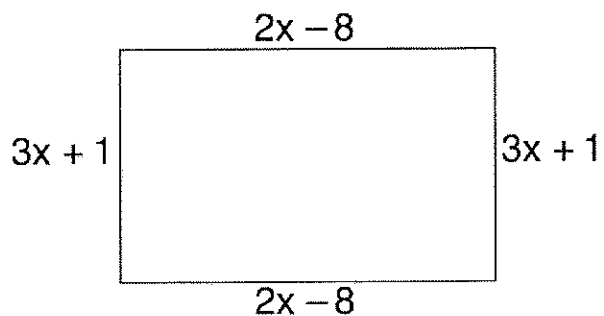
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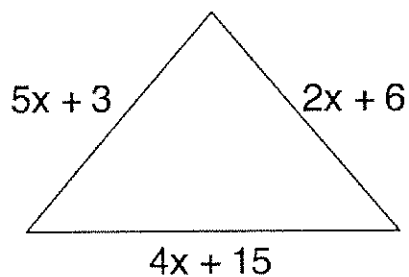
Lesson 3: Interpreting Formulas and Expressions

The perimeter of a polygon is the sum of the lengths of the sides of the polygon. For problems 7–10, find the perimeter of each shape in terms of x . All lengths are given in centimeters.

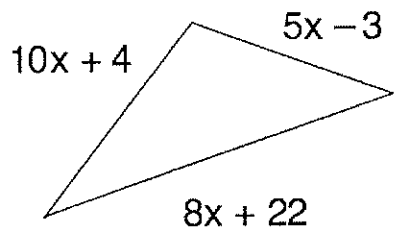
7.



8.



9.



10.

